

# WISCONSIN FARM REPORTER

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*Compiled in cooperation with the Wisconsin Department of Agriculture, Trade and Consumer Protection and is available on request.*

Robert J. Battaglia, Director

## May 13, 2011 - Vol. 11, No. 10

*Inside This Issue:*

- Annual Dairy Products-Cheese
- Monthly Dairy Products
- Prices Paid
- Hay Stocks
- Winter Wheat

*This Farm Reporter contains the results from the following surveys. Thanks for your help!*

**Ag Yield Survey  
Dairy Products Report  
Prices Paid Survey**

**TOTAL CHEESE, EXCLUDING COTTAGE CHEESE:**  
**Wisconsin, 2010**

Ranges of Annual Production	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	24	4,617
1 to 4.99 million lbs.	29	53,303
5 to 9.99 million lbs.	21	127,568
10 to 24.99 million lbs.	18	246,660
25 million lbs. and over	37	2,177,713
<b>Total</b>	<b>129</b>	<b>2,609,861</b>

Source: USDA, NASS, WI FO

### MOZZARELLA CHEESE: Wisconsin, 2010

Ranges of Annual Production 1/	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	16	3,697
1 to 19.99 million lbs.	12	91,729
20 million lbs. and over	14	775,606
<b>Total</b>	<b>42</b>	<b>871,032</b>

1/ Plant qualifies for a certain range based only on its Mozzarella production. Source: USDA, NASS, WI FO

### ITALIAN CHEESE: Wisconsin, 2010

Ranges of Annual Production 1/	State Plants	Production
Less than 1 million lbs.	No. 21	1,000 lbs. 4,408
1 to 19.99 million lbs.	19	146,558
20 million lbs. and over	20	1,123,162
<b>Total</b>	<b>60</b>	<b>1,274,128</b>

1/ Plant qualifies for a certain range based only on its Italian production.

Source: USDA, NASS, WI FO

## CHEDDAR CHEESE: Wisconsin, 2010

Ranges of Annual Production 1/	State Plants	Production
Less than 1 million lbs.	No. 35	1,000 lbs. 7,725
1 to 9.99 million lbs.	11	40,521
10 million lbs. and over	13	584,147
<b>Total</b>	<b>59</b>	<b>632,393</b>

1/ Plant qualifies for a certain range based only on its Cheddar production. Source: USDA, NASS. WI FO

## PROCESSED CHEESE AND CHEESE FOODS

Year	Processed cheese	Processed cheese foods & spreads	Cold pack cheese and cheese food
	1,000 pounds		
2006	582,362	389,992	38,237
2007	630,292	323,078	56,859
2008	654,998	335,286	1/
2009	599,043	329,794	1/
<b>2010</b>	<b>575,539</b>	<b>311,298</b>	<b>1/</b>

1/Not published to avoid disclosing individual operations.

Source: USDA, NASS, WI FO

### BUTTER AND CHEESE PRODUCTION: Wisconsin, 2006-2010

Year	Butter	Total cheese 1/	Total American 2/	Hispanic	Muenster	Italian	Mozzarella
	1,000 pounds						
2006	378,871	2,452,855	820,918	47,003	39,772	1,161,480	845,765
2007	373,027	2,462,043	771,883	49,906	40,327	1,166,903	853,080
2008	361,041	2,524,125	822,509	50,411	46,864	1,172,412	825,910
2009	3/	2,593,766	848,289	56,333	46,548	1,231,203	863,251
<b>2010</b>	<b>3/</b>	<b>2,609,861</b>	<b>834,960</b>	<b>58,918</b>	<b>45,253</b>	<b>1,274,128</b>	<b>871,032</b>

1/ Includes cream cheese and other miscellaneous types of cheese. Does not include cottage cheese. 2/ Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack. 3/Not published to avoid disclosing individual operations. Source: USDA, NASS, WI FO

**WHEY PRODUCTS: Wisconsin, 2006-2010**

WHEY PRODUCTS: Wisconsin, 2006-2010				
Year	Dry whey		Total lactose	Whey protein concentrate human food
	Human food	Animal		
	1,000 pounds solids			
2006	299,514	22,354	135,676	86,078
2007	311,160	20,259	147,568	81,715
2008	304,753	1/	148,476	77,675
2009	294,339	1/	138,018	78,310
2010	295,955	1/	171,684	75,435

1/Not published to avoid disclosing individual operations.

Source: USDA, NASS, WI FO

**Dairy Products, Production by Selected States and U.S.**

Item and area	March 2010	February 2011	March 2011	Change from last year
	1,000 pounds			Percent
CHEESE				
American	364,152	328,861	365,071	n.c.
Cheddar				
<b>WI</b>	<b>58,590</b>	<b>44,017</b>	<b>45,700</b>	<b>-22</b>
CA	30,538	24,875	25,280	-17
ID	47,763	37,902	42,551	-11
MN	43,482	36,779	40,796	-6
US	283,554	242,945	266,319	-6
Brick & Muenster	10,729	10,002	12,235	+14
Cream & Neufchatel	64,422	52,530	60,153	-7
Hispanic	20,312	17,606	20,827	+3
Mozzarella				
<b>WI</b>	<b>74,054</b>	<b>68,834</b>	<b>79,000</b>	<b>+7</b>
CA	104,772	101,348	112,701	+8
US	300,101	273,513	310,986	+4
Parmesan	21,982	22,820	24,543	+12
Provolone	29,552	27,011	31,159	+5
Ricotta	22,355	18,970	23,598	+6
Romano	2,845	3,742	4,752	+67
Other Italian types	4,057	5,106	5,182	+28
Total Italian				
<b>WI</b>	<b>106,895</b>	<b>103,627</b>	<b>119,163</b>	<b>+11</b>
CA	116,181	112,000	122,991	+6
US	380,892	351,162	400,220	+5
Swiss	27,446	24,551	29,310	+7
All other cheese	26,535	22,739	28,035	+6
Total cheese				
<b>WI</b>	<b>225,122</b>	<b>203,331</b>	<b>231,277</b>	<b>+3</b>
CA	186,835	172,256	193,040	+3
ID	72,477	61,085	73,337	+1
NM	61,804	58,858	65,613	+6
US	894,488	807,451	915,851	+2

Source: USDA, NASS, WI FO

**Farm Production Expenses Show Marked Increases from 2010**

The April price index for U.S. farm production inputs, at 215, increased 16 percent from a year ago. Higher prices for nitrogen, feed grains, diesel, and complete feeds more than offset lower prices for concentrates, supplements, and herbicides. Fertilizer prices showed the largest increases, followed by fuels.

Compared to April 2010, the U.S. prices paid index for fertilizer was up 34 percent. The increase can be attributed to nitrogen rising by 40 percent, mixed fertilizer by 33 percent, and potash and phosphate by 21 percent.

The U.S. prices paid index for fuels saw a 31 percent increase from April 2010. Diesel prices increased 37 percent, gasoline 31 percent, and LP gas 8.3 percent from the previous year.

The U.S. prices paid index for feed increased 29 percent from April 2010. Prices rose for all feed categories. Feed grains saw the largest increase, at 88 percent. Complete feeds were up 25 percent, hay and forages 24 percent, concentrates 11 percent, and supplements 6.4 percent.

The national seed price index rose 18 percent from April of last year. Field crop seed prices were 19 percent higher, while grass and legume seed prices rose 4.3 percent from a year ago.

U.S. chemical prices were unchanged from April 2010. Fungicides were up 4.2 percent and insecticides increased 1.8 percent, while herbicides were down 3.0 percent.

The U.S. prices paid index for machinery rose 5.7 percent from April 2010. The price indices for both tractors and self propelled machinery were up 6.8 percent, and other machinery prices increased 3.8 percent.



**FEED: Prices Paid**
**Lake States Region 1/, April 2007-2008, March 2009-2011**

Commodity	2007	2008	2009	2010	2011
Dollars per 50 pounds					
Stock Salt	4.87	5.17	5.60	5.64	5.86
Trace Mineral Blocks	5.75	6.07	6.60	7.71	7.81
Dollars per cwt.					
Alfalfa meal	16.70	18.90	23.50	23.60	23.00
Molasses, liquid	16.40	16.40	19.00	19.40	20.80
Soybean meal, 44% protein	14.40	22.10	20.10	20.40	20.70
Dollars per ton					
Dairy feed 32-38% protein concentrate	394	488	475	433	543

1/Lake States: MI, MN, WI. Source: USDA, NASS, WI FO

**FUEL: Prices Paid**
**Lake States Region 1/, April 2007-2008, March 2009-2011**

Commodity	2007	2008	2009	2010	2011
Dollars per gallon					
Gasoline, unleaded					
Service station 2/	2.59	3.22	1.94	2.79	3.54
Bulk delivery 2/	2.62	3.27	1.99	2.84	3.56
Diesel fuel, bulk					
delivery 3/	2.47	3.61	1.69	2.57	3.54
L.P. gas, bulk					
delivery 3/	1.65	2.20	1.68	1.88	1.97

1/Lake States: MI, MN, WI. 2/Includes all taxes. 3/Excludes all taxes. Source, USDA, NASS, WI FO

**SEED: Prices Paid**
**United States, April 2007-2008, March 2009-2011**

Commodity	2007	2008	2009	2010	2011
Dollars					
Alfalfa, per cwt.					
Proprietary	292	342	379	379	411
Corn, per 80,000 kernels					
Biotech	154	184	235	247	249
Non-Biotech	100	115	139	160	163
Soybean, per bu.					
Biotech	36.70	40.00	49.60	53.50	51.00
Non-Biotech	20.50	26.30	33.70	33.90	33.50
Barley, Spring, per bu.	7.18	10.10	9.78	8.52	10.30
Oats, Spring, per bu.	6.81	8.19	8.19	7.78	8.34
Wheat, Winter, per bu.	10.60	14.80	16.00	13.70	15.40

Source: USDA, NASS, WI FO

**FERTILIZER: Prices Paid**
**North Central Region 1/, April 2007-2008, March 2009-2011**

Commodity	2007	2008	2009	2010	2011
Dollars per ton					
Anhydrous Ammonia	536	769	787	520	776
Nitrogen Solution 28%	270	372	376	260	358
Sulfate of Ammonia	269	390	357	300	386
Urea 44-46%	450	547	504	520	519
Superphosphate	409	779	555	465	536
Muriate of Potash	277	562	848	501	594

1/North Central States: IL, IN, IA, MI, MN, MO, OH, and WI.

Source: USDA, NASS, WI FO

**AGRICULTURAL CHEMICALS: Prices Paid**
**United States, April 2007-2008, March 2009-2011**

Commodity	2007	2008	2009	2010	2011
Dollars per gallon					
2,4-D, 4#/gal.	15.90	17.20	19.30	18.00	18.00
Acetochlor, (Harness Surpass) 6.4-7#/gal.	69.20	71.70	75.50	70.30	69.60
Atrazine (AAtrex) 4#/gal.	12.20	15.30	20.80	18.90	17.30
Dicamba (Banvel) 4#/gal.	82.40	77.60	82.60	72.40	(NA)
Glyphosate, (Roundup) 4#/gal.	28.90	40.50	42.80	22.80	16.80
Chlorothalonil (Bravo), 6#/gal	47.00	48.20	59.80	50.00	40.80
Pendimethalin (Prowl) 3.3#/gal.	28.20	29.70	37.40	36.30	38.70

Source: USDA, NASS, WI FO

**FARM MACHINERY: Prices Paid**
**United States, April 2007-2008, March 2009-2011**

Commodity	2007	2008	2009	2010	2011
Dollars					
Tractor, 2-wheel drive, P.T.O. horsepower					
30-39	18,400	18,700	18,500	18,800	19,000
70-89		39,300	39,000	39,900	41,000
140-159	100,000	104,000	111,000	114,000	123,000
Manure spreader 225-310 bu. Cap.	12,800	13,700	15,400	13,500	14,200
Mower conditioner, pull type					
8-10 foot sickle	17,200	18,400	19,700	20,200	20,800
14-16 foot sickle	26,200	28,300	29,500	30,600	32,700
Round baler, 1200-1500 lb.	21,900	23,300	25,100	25,100	25,900

Source: USDA, NASS, WI FO

## Wisconsin Hay Stocks Up from May 2010

Stocks of all dry hay stored on Wisconsin farms totaled 1.12 million tons on May 1, 2011, a 49 percent increase from the 753,000 tons stored on May 1, 2010. During the period December 1, 2010 to May 1, 2011, Wisconsin's livestock and dairy producers fed 2.16 million tons of hay compared to 2.27 million tons during the same period a year earlier.

Nationally, all hay stored on farms on May 1, 2011 totaled 22.2 million tons, up 6 percent from the previous May 1. Disappearance of hay from December 1, 2010 to May 1, 2011 totaled 79.9 million tons, 7 percent less than the disappearance of 86.3 million tons for the same period a year ago.

Hay stocks increased from last year across much of the nation's midsection. In many cases, these increases are attributed to increases in total hay production in 2010. Stocks were down throughout much of the western half of the U.S. and along the Atlantic Coast. Lingering winter weather in many western states forced producers to feed livestock longer into the spring months. Drought in many areas along the Atlantic Coast caused a lack of available winter pastures. Overall, the largest percentage declines in stocks occurred in California, Idaho, and Nevada.

### Hay Stocks on Farms, May 1, 2011, Top 15 States

State	2009	2010	2011
	1,000 tons		
TX	2,100	1,100	2,500
SD	1,900	2,190	1,850
NE	935	1,000	1,335
MO	2,050	1,250	1,325
MT	590	720	1,300
ND	700	1,310	1,250
OK	1,000	650	1,200
<b>WI</b>	<b>950</b>	<b>753</b>	<b>1,122</b>
KS	1,350	1,200	1,000
MN	790	630	810
KY	465	1,006	799
TN	552	678	746
IA	750	420	610
CO	400	650	450
MI	450	330	420
U.S.	22,065	20,931	22,217

Source: USDA, NASS, WI FO

## Winter Wheat Production for Wisconsin Up from 2010

The 2011 Wisconsin winter wheat crop was reported to have made it through the winter with minimal winterkill. As of May 1, 2011, winter wheat conditions were rated 73 percent good to excellent, 23 percent fair, and 4 percent poor to very poor.

As of May 1, total winter wheat for grain production is forecast to be 20.4 million bushels in Wisconsin. If realized, this would be an increase of 39 percent from 2010. State yield is currently forecast at 67 bushels per acre, 3 bushels above last year. The 305,000 acres to be harvested for grain or seed this year is up 75,000 acres from last year.

Nationally, winter wheat production is forecast at 1.42 billion bushels, down 4 percent from 2010. The expected area for harvest as grain or seed totals 32.0 million acres, up 1 percent from last year. Based on May 1 conditions, the U.S. yield is forecast at 44.5 bushels per acre, down 2.3 bushels from the previous year.

### Winter Wheat, Selected States, 2010 and Forecasted May 1, 2011

State	Area harvested		Yield		Production	
	2010	2011	2010	2011	2010	2011
	1,000 acres		Bushels		1,000 bushels	
<b>WI</b>	<b>230</b>	<b>305</b>	<b>64.0</b>	<b>67.0</b>	<b>14,720</b>	<b>20,435</b>
CO	2,350	2,150	45.0	30.0	105,750	64,500
KS	8,000	7,700	45.0	34.0	360,000	261,800
MT	1,950	2,150	48.0	44.0	93,600	94,600
NE	1,490	1,350	43.0	42.0	64,070	56,700
OH	750	860	61.0	69.0	45,750	59,340
OK	3,900	3,400	31.0	22.0	120,900	74,800
SD	1,300	1,550	49.0	46.0	63,700	71,300
TX	3,750	1,800	34.0	26.0	127,500	46,800
WA	1,710	1,770	69.0	65.0	117,990	115,050
US	31,749	32,039	46.8	44.5	1,485,236	1,424,357

Source: USDA, NASS, WI FO

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